

3. Specifications

Specifications are correct at the time of printing. Product specifications are subject to change without notice. See below for product specifications.

3.1 General Specifications

Items	Descriptions		
Print Method	Non-impact Electro-photography		
Developing system	Non-Magnetic, Mono-Component Developing System		
*Print Speed	Mono	Up to 20 PPM in A4, Up to 21 PPM in Letter size	
	Color	Up to 5 PPM in A4, Up to 5 PPM in Letter size	
Resolution	Up to 1200 DPI effective output		
Source of Light	Laser diode (LSU : Laser Scanning Unit)		
Warm-Up Time	Less than 2 minutes		
First Print Time	Mono	15 seconds (Ready to 1st page out)	
	Color	24 seconds (Ready to 1st page out)	
Feed Method	Cassette , MPT(Multi Purpose Tray), SCT(Second Cassette Tray)		
Media Size	76 X 128mm (3 x 5") to 216 X 356mm (8.5 X 14")		
Media Thickness	Cassette : 16 ~24 lb , MPT : 16 ~ 43 lb		
Dimension (W X D X H)	510 X 470 X 405 mm		
Weight	Net	25.5 Kg	56.2Lbs
	Gross	32.0 Kg	70.5Lbs
**Acoustic Noise	Stand by	Less than 40 dB	
	Printing	Less than 48 dB(Color)	
Power save mode	Available		
Toner save mode	Disable		
Machine Life	Mono : Less than 300,000 pages, Color : Less than 75,000 pages		

* Print speed will be affected by Operating System used, computing performance, application software, connecting method, media type, media size and job complexity.

** Sound Pressure Level, ISO 7779

3.2 Controller Specification

Items	Descriptions
Processor (CPU)	Samsung SPGPm(CLOCK SPEED 120Mhz)
Memory	FLASH ROM(PROGRAM) : 2MB flash
	* RAM : 64MB (Expandable to 192MB) : With Option
	Option DIMM module : 64,128MB (SDRAM)
	100Pin SDRAM DIMM (Samsung Printer Only)
	EEPROM(NVRAM) : 512byte
Emulation	SPL-Color
Operating System	Win 95/98/ME/NT4.0/2000/XP, Various Linux OS including Red Hat, Caldera, Debian, Mandrake, Slackware, SuSE and Turbo Linux
Interface	Parallel : IEEE 1284 Bidirectional Parallel - Modes supported : Compatible,Nibble,Byte,ECP
	USB(without HUB mode) - USB 2.0 compliant -12/480 Mbps 1 port
	Network Interface - 10/100 Base TX 10/100 Base TX + 802.11b Wireless LAN
Interface switching	Automatic
Interface time-out	5min (Max.)
Font	Windows font
Color Management	ICC ICM V3.4

* Memory Slots : Standard Capacity is 64MB
Option Capacity is 192MB(Max)
(100Pin 1 slot, 64MB/128MB)

3.3 Electrical Specification

Items	Descriptions		Remarks
Input Voltage	Nominal input voltage	200-240 VAC / 100~127VAC	
	Input voltage range	180-264 VAC/ 90~132VAC	
	Nominal frequency	50/60 MHz	
	Frequency tolerance	+3Hz	
Power Consumption	Printing :450W less ((with SCF)		
	Power Save : 35W less		

3.4 Environmental Range

Items	Operating		Storage
Temperature	15~32.5 °C(50-90 °F)	-20~40 °C (-4~104 °F)	
Humidity	20~80%RH	10~80%RH	

3.5 Consumable & Maintenance Items

Items	Descriptions	Remarks	
Periodic Replacing Parts	Toner Cartridge(Black)	initial(2,000 pages@5% coverage)	User replace
		replacement(7,000 pages@5% coverage)	
	Toner Cartridge(Cyan)	initial(1,500 pages@5% coverage)	User replace
		replacement(5,000 pages@5% coverage)	
	Toner Cartridge(Magenta)	initial(1,500 pages@5% coverage)	User replace
		replacement(5,000 pages@5% coverage)	
	Toner Cartridge(Yellow)	initial(1,500 pages@5% coverage)	User replace
		replacement(5,000 pages@5% coverage)	
	OPC Unit	mono : 50,000 pages	User replace
		color : 12,500 pages	
	ITB Unit(T1 Roller)	mono : 50,000 pages	User replace
		color : 12,500 pages	
	Waste Toner Tank	3,000 images	User replace
	Fuser Unit	simplex : 100,000 page	Engineer
duplex : 50,000 page			
Transfer Roller(T2 Roller)	simplex : 50,000 page	Engineer	
	duplex : 25,000 page		
Option	SCT (Second Cassette Tray)	- Paper capacity : 500sheets	
		- Paper weight : 60 ~ 90 g/m ² / 16 ~ 24 lbs	
	Network Printing	- Ethernet 10/100baseTX + Wireless	
		- Protocols : TCP/IP, SPX/IPX, Ethertalk, SNMP, HTTP 1.1, DLC/LLC	
		- 8MB RAM Buffer for faster graphics performance	
		- 4MB Flash Memory for upgrade	
	802.11b Wireless LAN	- IEEE802.3b support	
		- speed : 11, 5.5, 2, 1Mbps	
		- WEP : 64bit, 128bit	
		- Operating range : 30m(Indoors) , 100m(Outdoors)	
SDRAM DIMM	- 64,128MB 100Pin SDRAM DIMM(Use Samsung Part Only)		

3.6 Paper handling Specifications

3.6.1 input Paper Size

Paper	Paper size	1st Cassette	2nd Cassette	MP tray	Duplex
A4	210 X 297 mm	O	O	O	O
Letter	216 X 279 (8.5 X 11")	O	O	O	O
Folio (Legal13")	216 X 330 (8.5 X 13")			O	O
Legal (Legal14")	216 X 356 (8.5 X14")			O	O
Executive	184 X 267 (7.25 X10.5")			O	
Statement	140 X 216(5.5 x8.5")			O	
ISO B5	176 X 250			O	
JIS B5	182 X257			O	
A5	148.5 X 210			O	
A6	105 X148.5			O	
Com-10 Envelope	105 X 241 (4.15 X 9.5")			O	
Monarch Envelope	98 X191 (3.87 X 7.5")			O	
DL Envelope	110 X 220(4.33 X 8.66")			O	
C5 Envelope	162 X 229 (6.38 X 9.01")			O	
C6 Envelope	114 X 162 (4.49 X 6.38")			O	
Transparency (OHP)	A4 or Letter			O	
Label paper	A4 or Letter			O	

O : Enable

3.6.2 Input Capacity

Items	Descriptions		Remarks
Cassette(FCT)	250 sheets		
MP tray	Paper	100 sheets	
	Transparencies	30 sheets	
	Envelopes	10 sheets	
	Labels	10 sheets	
Option Cassette(SCT)	500 sheets		

3.6.3 Output Capacity

Items	Descriptions	Remarks
Face Down	250 sheets	